Abstract

~~The invention relates to a~~A device for ventilating and cooling the interior of a vehicle with at least one air guide channel (7) having air inlet openings (8) located in the rear ~~in~~ of a solar cell ~~(6) equipped~~ equipped vehicle roof (5a, 5b) ~~and at least one air guide channel (7) connected to it,~~ the air guide channel (7) being restricted to the rear area (3) of the vehicle roof (5a, 5b) and ~~on the inside~~ having at least one fan (15) for ~~intaking~~ taking in outside air (10) and at least one coolng element (14) for cooling the ~~intaken~~ air~~, the~~ taken in. The bottom of the air guide channel (7) ~~being~~ is formed by a first section (12) of a roof portion (5b) which extends ~~in the direction~~ from the vehicle rear ~~to~~ toward the vehicle front (3, 1) and the top of the air guide channel (7) ~~being~~ is formed by a second section (13) of a roof portion (5a) which extends ~~in the direction~~ from the vehicle front ~~to~~ toward the vehicle rear (1, 3).

~~(Figure 1)~~